

**GUADALUPE RIVER PARK ACCESS ROAD
REDEVELOPMENT AGENCY OF THE CITY OF SAN JOSE**

SECTION 01500

TEMPORARY FACILITIES AND CONTROLS

1 DESCRIPTION

- A This section covers Project temporary facilities and controls.

2 TEMPORARY ELECTRIC POWER

- A The City of San Jose will provide temporary electric power as necessary for execution of Contractor's work. Power is available from receptacles at the base of the pedestrian light poles.

3 TEMPORARY WATER SERVICES

- A The City of San Jose will provide and pay for water only as necessary for execution of Contractor's work. Obtain water by making suitable connections to quick couplers located within the construction fence.

4 TEMPORARY SANITARY FACILITIES

- A Provide and maintain temporary toilet facilities for duration of operation. Properly proportion number of fixtures for number of workers employed, including water closets, urinals, and wash sinks with cleaning compound, paper towels in dispensers, and tissue on holders. Chemical toilets may be used.

5 UTILITY COSTS FOR SUBCONTRACTORS

- A Distribution of temporary utility services to subcontractors shall be Contractor's responsibility and cost.

6 ACCESS TO THE PROJECT SITE

- A Access to the Project Site is limited to access from Santa Clara Street. or St. John St. . Do not provide access from the asphalt riverwalk on the west side of the project site. Do not put vehicles on the riverwalk; instead, drive around North Autumn Street by the Arena or drive through the site. Do not park outside the construction area except in legal parking spaces.

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7 PROTECTION OF THE WORK

- A The Contractor shall obtain the advice and recommendations of its installers for procedures to protect their work. Installers are responsible for protecting their work and that of other trades while working at the job site. When the installer is no longer working in the area or at the job, the Contractor shall provide protective measures and materials to assure that each element will be without damage or deterioration (other than normal weathering for exterior exposed materials) throughout the remainder of the construction period up to the date of substantial completion.
- B Contractor shall remove protective coverings and materials at the appropriate time but no later than final cleaning operations.
- C Protect excavation, trenches, and building, from damage from rainwater, spring water, ground water, backing up of drains or sewers. Provide pumps, equipment, enclosures, to provide this protection.

8 PROTECTION OF ADJACENT WORK AND FACILITIES

- A. The Contractor shall protect all adjacent property, buildings, roads, streets, curbs, shrubbery, lawns, erosion control materials and planting during construction operations. All damaged material shall be replaced and/or repaired at the expense of the Contractor.

9 WATER CONTROL

- A. Do not permit surface or subsurface to accumulate in excavations or under the structures. Should such conditions develop or be encountered, the water or other fluid shall be controlled and suitably disposed of by means of temporary pumps, piping, drainage lines and ditches, dams or other methods.

10 CONSTRUCTION FENCE

- A Provide construction fence at the perimeter of the project site along back of sidewalk at Santa Clara Street, along west perimeter of project site and along back of sidewalk at St. John Street. Use 6-foot high chain link fence set in loose concrete blocks. Do not hold fence together with wire; use standard clamps. Provide gates, at St. John Street and Santa Clara Street and of width determined by Contractor. Secure gates with padlock and chain on nights, weekends or whenever there is no work in progress.

11 CONSTRUCTION SIGNS

- A Construction, detour, sidewalk closed signs will be provided by the Agency. Contractor is responsible for keeping them clean.

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12 CONSTRUCTION SCHEDULE

- A Provide a horizontal bar chart defining planned operations for the duration of the project. A hand drawn schedule is acceptable. Include time required for submittals.
- B Include in the Construction Schedule a certain number of weekdays when the Contractor cannot work at the Project Site because of wet conditions. Assume that this number of weekdays in each month in the period December to April is 6 days; in the period of May to October is 0 days and in November is 4 days. No allowance for delays due to rain shall be made except for that number of days above and beyond the number of days built into the schedule when the rainfall measures 0.1 inch as measured by the National Weather Service at San Jose International Airport.

12 TRAFFIC CONTROL AND PHASING OF WORK

- A Organize the work so that the Santa Clara and St. John Street sidewalks adjacent to the Project Site are kept open for pedestrian use for all but the 21 days prior to the Scheduled Completion Date. During this period of 21 days complete demolition, grading, compaction, and concrete at the sidewalks at Santa Clara and St. John Streets.
- B While sidewalk work is underway at Santa Clara Street and St John Street, provide a pedestrian walkway in the traffic lane adjacent to the curb at both Santa Clara Street and St. John Street. Provide protection of these pedestrian lanes by installing a minimum of 80 lineal feet of K rail at each street at a location 8 feet out from the face of curb. Provide delineators and tape near the location of the gutter to keep pedestrians out of the sidewalk construction area. Install a sand barrel at the ends of the K rail which face the traffic. Provide temporary ramps at each end of the construction areas to provide access back onto the sidewalk. On Santa Clara Street install an electric arrow board to the east of the construction area. At the approaches to the project site on both Santa Clara and St. John Streets install 'Right Lane Closed Ahead Signs,' a minimum of two on each street.

13 REMOVAL OF TEMPORARY CONSTRUCTION

- A. Remove temporary office facilities, toilets, storage sheds, fences, and other construction of temporary nature from site as soon as progress of work permits. Recondition and restore portions of Site occupied by such facilities.

14 RECORD DRAWINGS

- A Provide clear, detailed, dimensioned, legible mark ups on a clean set of construction drawings. Do not use this marked up set of record drawings for any other purpose than to record installations different from those shown on the drawings. Keep record drawings up to date on a daily basis. Pay attention to concealed work that would be difficult to measure and record at a later date. Submit the completed set of record drawings at the time of Substantial Completion.

END OF SECTION 01500

TEMPORARY FACILITIES AND CONTROLS

8/16/2007

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